

CC48 DISSOLVED METALS CONCENTRATIONS (µg/L)								
		Aluminum	Cadmium	Copper	Iron	Lead	Manganese	Zinc
Historic – All Seasons	Average	4742	5	107	6450	13	3215	1770
	Maximum	8390	6.9	224	13300	21.3	5290	2870
Runoff	Average	2265	3	75	3345	9	1580	1056
	Maximum	5090	4.6	118	5360	17.4	3280	1800
Non-Runoff	Average	6688	6	133	8890	16	4500	2332
	Maximum	8390	6.9	224	13,300	21.3	5290	2870
Current	Average	7700	9.6	430	10,613	31.6	5750	3138
	Maximum	8100	10.0	460	19,000	45.0	6000	3300
Comparison to Non-Runoff		Typical	High	High	Typical to High	High	Typical to High	High
CC48 DISSOLVED METALS LOADING (pounds/day)								
		Aluminum	Cadmium	Copper	Iron	Lead	Manganese	Zinc
Historic – All Seasons	Average	776	1.1	27	1289	3.1	562	370
	Maximum	1518	3.19	85.6	3526	13.2	1108	925
Runoff	Average	1026	1.8	44.7	1945	5.1	780	583
	Maximum	1518	3.19	85.6	3526	13.2	1108	925
Non-Runoff	Average	580	0.54	12.2	772	1.5	390	203
	Maximum	809	0.82	19.3	1438	2.4	536	282
Current	Average	964	1.20	54	1319	3.97	720	393
	Maximum	1078	1.27	59	2252	5.58	768	418
Comparison to Non-Runoff		High	High	High	Typical to High	High	High	High

Current data is 8/11-18/2015

Historic Data is 2009-2015 EPA Sample Data

Flow data used in loading calculations was collected from the USGS Gauging Station 09358550: [http://waterdata.usgs.gov/co/nwis/dv/?site\\_no=09358550&agency\\_cd=USGS&referred\\_module=sw](http://waterdata.usgs.gov/co/nwis/dv/?site_no=09358550&agency_cd=USGS&referred_module=sw)

CC48 TOTAL METALS CONCENTRATIONS (µg/L)								
		Aluminum	Cadmium	Copper	Iron	Lead	Manganese	Zinc
Historic – All Seasons	Average	5449	4.60	114	13,377	29.8	3367	1834
	Maximum	9160	7	225	74,700	307	5530	2890
Runoff	Average	3446	3.09	86.4	13,456	45.2	1671	1054
	Maximum	9160	5	126	74,700	307	3190	1720
Non-Runoff	Average	7022	5.79	136	13,315	17.8	4701	2446
	Maximum	8610	7	225	21,700	21	5530	2890
Current	Average	7700	9.6	430	10,613	31.6	5750	3138
	Maximum	8100	10.0	460	19,000	45.0	6000	3300
Comparison to Non-Runoff		Typical	High	High	Typical	High	Typical	Slightly High
CC48 TOTAL METALS LOADING (pounds/day)								
		Aluminum	Cadmium	Copper	Iron	Lead	Manganese	Zinc
Historic – All Seasons	Average	969	1.02	27.1	2507	6.55	571	360
	Maximum	12,785	3.04	144	104,262	428	1926	932
Runoff	Average	1449	1.70	47.4	4390	13.38	783	554
	Maximum	12785	3.04	144	104,262	428	1926	932
Non-Runoff	Average	625	0.53	12.5	1162	1.67	420	221
	Maximum	839	0.80	19.4	1955	3.29	556	307
Current	Average	964	1.20	54	1319	3.97	720	393
	Maximum	1078	1.27	59	2252	5.58	768	418
Comparison to Non-Runoff		High	High	High	Typical	High	High	High

Current data is 8/11-18/2015

Historic Data is 2009-2015 EPA Sample Data

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